

# The CAT™ crunches the Apple and swats the Bee!

Compare them for yourself - whether you're looking for sheer computing power or value for money, THE CAT™ is streets ahead of either the Apple IIe or the Microbee Series 2 Advanced Personal Computer. Here's a quick rundown:

## MORE POWERFUL BASIC

THE CAT gives you 32K of internal ROM memory containing a very powerful 24K Microsoft Extended BASIC, plus a monitor program and various utility programs. The Apple IIe gives you 16K bytes of ROM, with smaller and less powerful 10K Applesoft BASIC. The Microbee Series 2 gives you 20K of ROM with a 16K BASIC.

## BIGGER KEYBOARD

THE CAT has 81 keys, including a numeric keypad and 8 special function keys capable of 24 different (and software programmable) functions.

With the Apple IIe you get only 63 keys in all, no numeric keypad and only 2 special function keys. The Microbee gives you only 60 keys, again with no numeric keypad and no function keys.

## SUPER HI-RES GRAPHICS

Maximum colour graphics resolution on THE CAT is an incredible 560 x 192 pixels, all individually addressable and with a choice of 6 colours. This is TWICE the colour graphics resolution of the Apple IIe. THE CAT also provides 8 colours in 280 x 192 mode, instead of only 6 as on the Apple. The Microbee doesn't provide true dot-addressable graphics, but has a programmable character generator which allows only 128

FEATURE	CAT	APPLE IIe	MICROBEE
Processor	6502A	6502	Z80A
Operating clock speed	2MHz	1MHz	3.4MHz
RAM memory inbuilt	64K	64K	64K
Maximum RAM possible	192K	128K	64K
ROM memory inbuilt	32K	16K	8K
Resident Microsoft BASIC?	YES	NO	NO
Size of BASIC in ROM	24K	10K	-
Keyboard - number of keys	81	63	60
Numeric keypad	YES	NO	NO
Function keys inbuilt	8	2	-
80-column text display std	YES	NO	YES
RGB colour output standard	YES	NO	NO
Dot-addr. graphics resolution	560 x 192	560 x 192	128 x 128
Graphics resolution in colour	560 x 192	280 x 192	64 x 16
Sound channels	4	1	1
Centronics printer port std	YES	NO	YES
Sep. processor for keyboard	YES	NO	NO
ROM cartridge slot	YES	NO	NO
Cost of 64K computer with 80-column text facility, colour, printer port, floppy disk drive and controller, DOS and hi res green screen monitor.	\$1,485	\$3,170*	\$1,819
*Average of quoted prices			

different graphics 'characters'. As these are each made up from 128 pixels, this means that the maximum resolution is really only 128 x 128 pixels, in monochrome. In colour, the Microbee only lets you control the colour of each graphics 'character' bringing the resolution down to only 64 x 16!

## RGB COLOUR OUTPUT AS STANDARD

THE CAT gives you RGB colour output as well as composite PAL colour video, even in the basic computer. With the Apple IIe, you must buy an optional RGB plug-in card. With the Microbee you must also buy an optional RGB-only card, to get colour at all.

## CENTRONICS PORT STANDARD

THE CAT gives you a Centronics type parallel printer port built into the basic computer. With the Apple IIe, you must buy another optional plug-in card.

## PLUS LOTS MORE!

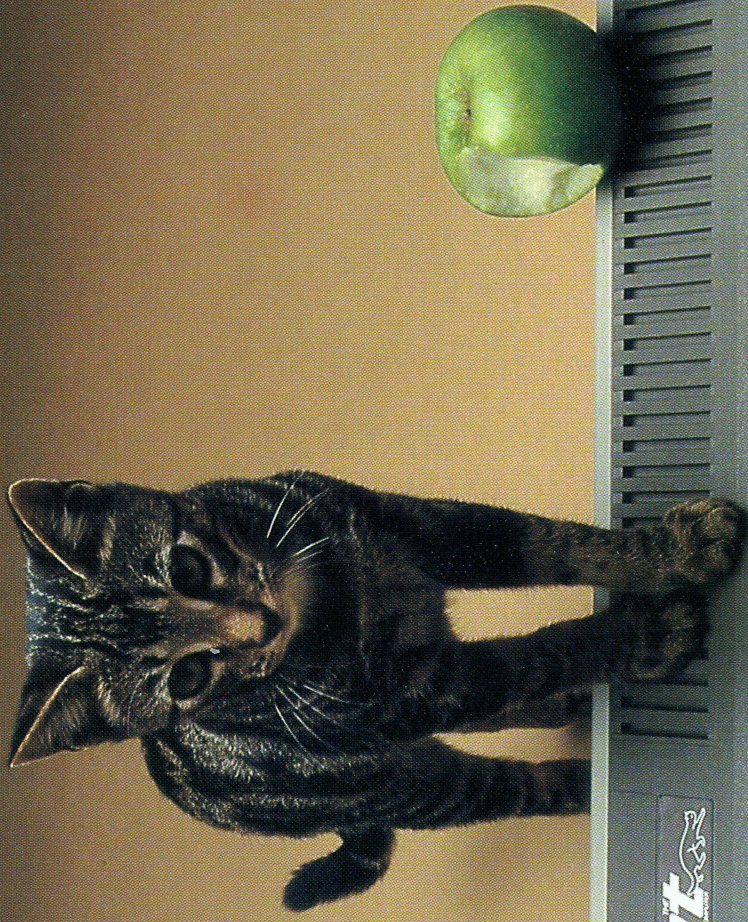
THE CAT has lots of other advantages, including more sound channels (4 vs 1); a separate processor for the keyboard; a colour defeat switch for clearer display on a black-and-white or green screen monitor, even a volume control so you can turn down the sound. See our supplementary comparison sheets for details.

# DICK SMITH ELECTRONICS

HEAD OFFICE AND MAIL ORDER CENTRE: P. O. Box 321 NORTH RYDE 2113. TEL (02) 888 3200. TELEX AA20036. CABLES 'DISKMIT' SYDNEY.								
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	BONDI JCT	387 1444	TOWNWORTH	267 9111	BURBANK	391 6233	NT	17 Stuart Hwy
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	ELLENBOROUGH	477 8513	VIC	283 0000	TOURNAI	32 9883		
	HORSBUR	600 8888	NSW	283 0000	WAGGA	216 1982		
	LIVERPOOL	61 1896	NSW	283 0000	WAGGA	216 1982		
	NEWCASTLE	61 1896	NSW	283 0000	WAGGA	216 1982		
	NORTH RYDE	88 3855	NSW	283 0000	WAGGA	216 1982		

# The CAT

takes the byte out of the Apple!



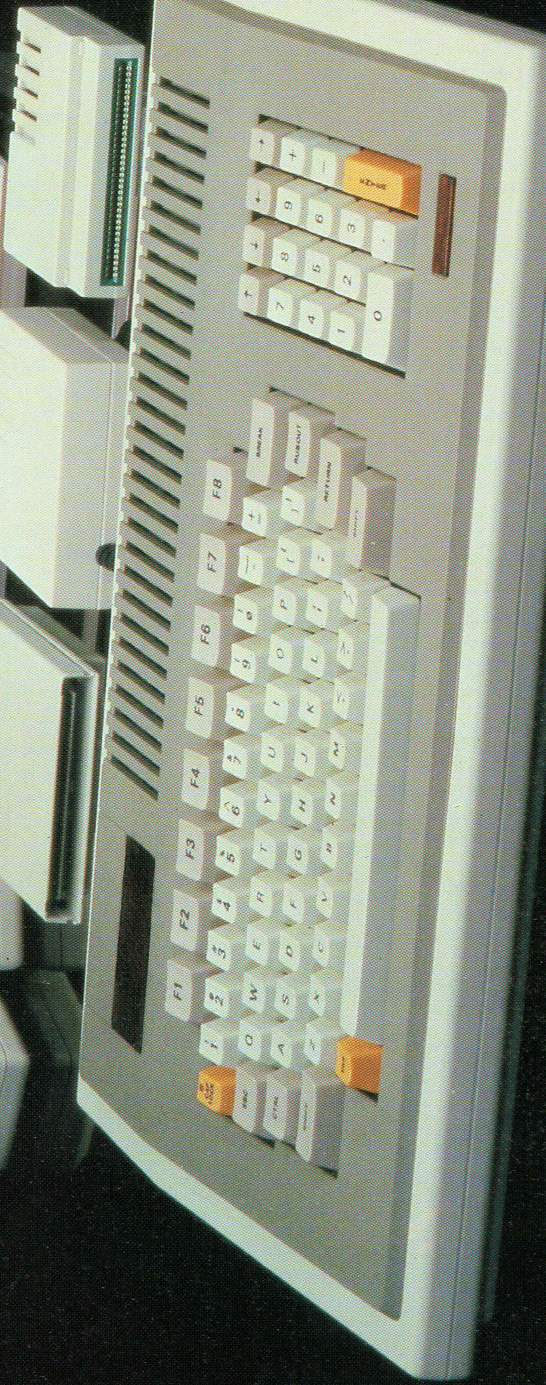


# "The Cat™" — our new Apple II compatibility

Remember our famous System 80 personal computer? It became an Australian best seller — we sold an amazing 11,898 units. One of its big features was software compatibility with the Tandy TRS-80 — giving it access to a huge range of software.

Here's our exciting new Apple eating "CAT" personal colour computer. It's compatible with Apple II software, and it's got even more features than an expanded Apple IIe (the latest model). But the TAB on "TABBY" is less than HALF the cost of the Apple — so it makes an ideal pet for home or office!

Your CAT can have kittens, too — just look at the range of expansion modules available!



# And The CAT™ grows to fill your needs.

## Incredible Software!

Although the internal architecture and ROM programs of our new CAT have a brand new design, great care has been taken to make them as compatible with Apple II software as the law will allow.

Even though the basic CAT will run a very large number of Apple II programs (including such famous programs as Visi Calc), by adding the optional Emulator cartridge (Cat X-7530) it will run virtually all\* of the Apple II range of software — an enormous range of high-quality programs.

## Specifications

**CPU:** 6502A running at 2MHz  
**ROM:** 32K bytes containing 24K enhanced Microsoft BASIC, System Monitor program etc.

**RAM:** 64K bytes inbuilt, expandable to 192K bytes

**KEYBOARD:** 81 full-stroke keys; typewriter format plus numeric keypad, 4 cursor control keys, 8 programmable function keys with 24 predefined functions. Full upper and lower case entry.

**VIDEO:** Both composite PAL and RGB colour video outputs inbuilt (optional TV modulator available). Both 80 x 24 and 40 x 24 text display modes inbuilt. Colour defeat switch for mono display.

**GRAPHICS:** Maximum colour graphics resolution is 560 x 192 pixels, individually addressable (twice the Apple II resolution).

**SOUND:** Four programmable sound channels, 6-octave note range. Inbuilt speaker with volume control.

**INBUILT I/O FACILITIES:** Cassette port, joystick port, Centronics-type printer port, Bus expansion interface, expansion cartridge socket, connector for RS-232C serial adaptor.

Cat X-7500

## And The CAT™ grows to fill your needs.

As you gain experience, your CAT Personal Computer can grow to match your needs. Whether you just want to add joysticks and an RF Modulator, or expand your system with twin floppy disk drives and an RS232 serial communications adaptor, the expansion and support components are all available — and at very attractive prices. You can have an expanded CAT for less than the price of a basic Apple IIe!

### 1. Dual Joysticks

These fast response joysticks each have dual FIRE buttons, and use pots for extremely high resolution. From a software point of view, one is functionally identical to the single Apple joystick.  
Cat X-7520 ..... **\$34.50**

### 2. Emulator Cartridge

Need the highest possible degree of Apple II compatibility? If so this Emulator is for you. Plug it in and your CAT will run virtually all\* Apple II software.  
Cat X-7530 ..... **\$99.00**

### 3. RF Modulator

If you don't have a composite or RGB video monitor, this modulator lets you connect the CAT to a standard monochrome or colour TV receiver. Works on Australian VHF channel 1.  
Cat X-7550 ..... **\$34.90**

### 4. Disk Controller

Built into a compact plug-in cartridge, this controller will operate either one or two X-7505 drives. Comes complete with a demo disk to get you going.  
Cat X-7510 ..... **\$149.00**

### 5. Disk Drive

Compact and powered from the CAT itself, this disk drive lets you store up to 140K bytes per 5-1/4 inch diskette. Comes complete with cable to connect to the X-7510 controller.  
Cat X-7505 ..... **\$349.00**



### 6. High Resolution RGB Monitor

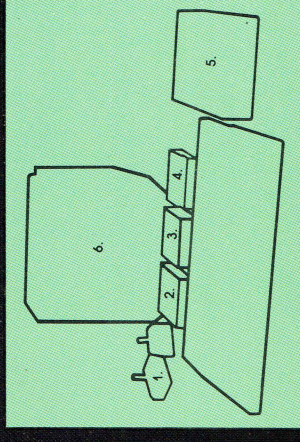
An RGB colour monitor gives the sharpest, brightest colour display possible. This high-resolution 30cm monitor lets you take full advantage of your CAT's 560 x 192 colour graphics and 80-column text features.  
Cat X-1193 ..... **\$599.00**

### 7. RS-232C Serial Adaptor

Plug this interface adaptor into the socket on the rear of your CAT and it can communicate with other computers or data terminals — either directly, or via a telephone modem. Operates at seven data rates, from 110-9600 baud.  
Cat X-7515 ..... **\$129.00**

### 8. Other Expansion Items

X-7512 Filer: Utilities Disk complete with DOS and user manual (suits either CAT or Apple II) ..... **\$39.00**  
X-7540 Printer: Cable suits most Centronics-type parallel printers. .... **\$39.00**  
X-7560 RGB Colour Monitor: Cable suits the Colour Video Monitor. .... **\$39.00**  
X-1220 High Resolution 30cm Green Screen Monitor may be used in place of the X-1193 monitor where colour display is not required ..... **\$249.00**



Basic CAT™  
Computer only  
**\$699**

An equivalent expanded  
Apple IIe would cost you over  
**\$2400**

YOU SAVE OVER  
**\$1700**

\*Please call in or write for our comprehensive list of compatible Apple II software.